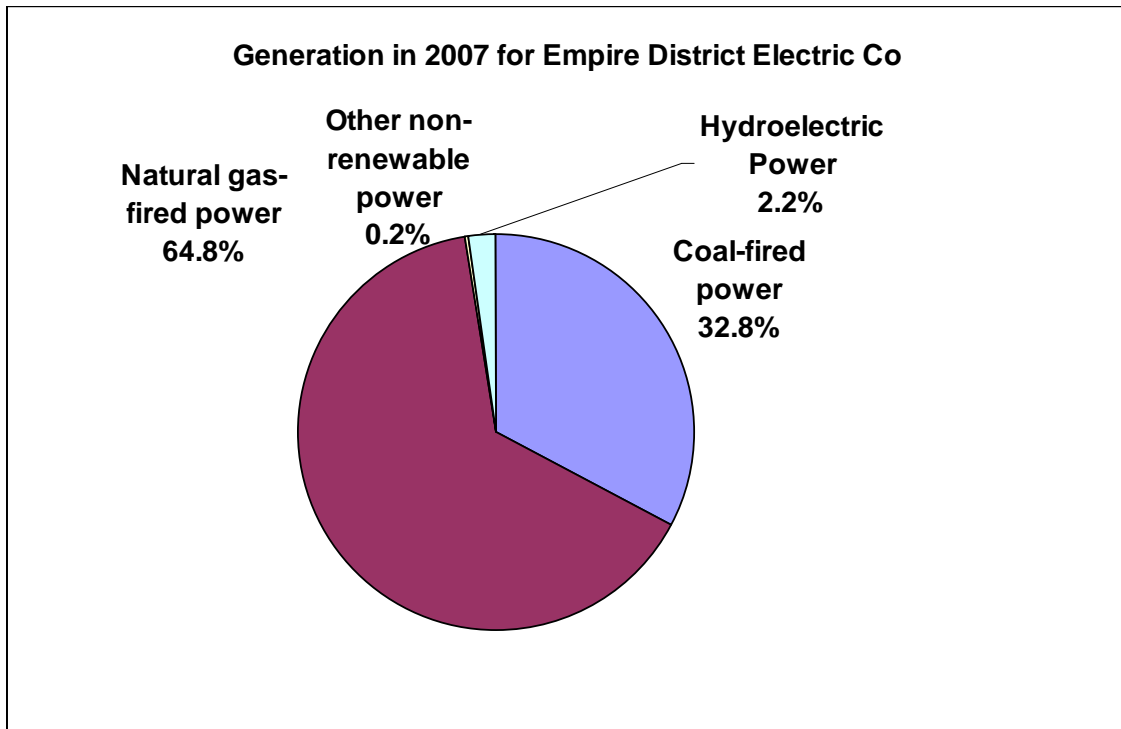




**Empire District Electric Co
Utility-Owned Electric Generation and Emissions**

| | Power Generated in 2007 (MWh) | Percent of Total | |
|--------------------------------|--|-------------------------|---------------|
| Non-renewable sources | | | |
| Coal-fired power | 1,040,248.20 | 33.5% | |
| Natural gas-fired power | 2,058,722.01 | 66.3% | |
| Oil-fired power | | 0.0% | |
| Nuclear power | | 0.0% | |
| Other non-renewable power | 5,995.82 | 0.2% | |
| Non-renewable total | 3,104,966.02 | 100.0% | 97.8% |
| Renewable sources | | | |
| Hydroelectric Power | 71,360.00 | 100.0% | |
| Wind | | 0.0% | |
| Waste and biomass | | 0.0% | |
| Solar | | 0.0% | |
| Geothermal | | 0.0% | |
| Renewable total | 71,360.00 | 100.0% | 2.2% |
| Grand total all sources | 3,176,326.02 | | 100.0% |





Missouri
Department of
Natural Resources

**Empire District Electric Co
Emissions from Electricity Generated in 2007**

| | NO_x | SO₂ | CO₂ | CH₄ |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
| System emissions (tons) from electricity generated in 2007 | 4,298.70 | 9,875.10 | 2,130,418.00 | 63,523.01 |
| Emissions (pounds) from electricity consumed by average residential customer using 12,000 kwh/year | 107.63 | 226.59 | 54,210.94 | 833.11 |

Source: U.S. Environmental Protection Agency, Office of Atmospheric Programs, eGRID (Emissions & Generation Resource Integrated Database) database, 2010. For more information see: <http://cfpub.epa.gov/egridweb>

Note: The data provided includes only generation and emissions from power plants owned by the utility. It does not include generation or emissions from power purchased by the utility and distributed to its customers.

Missouri Power plants owned and operated by Empire District Electric Co in 2007

| Plant | County | Capacity (MW) | Primary Fuel | Net Generation (MWh) |
|---------------------------|---------------|----------------------|---------------------|-----------------------------|
| Asbury | Jasper | 231.50 | Coal | 1,046,082.00 |
| Empire Energy Center | Jasper | 368.00 | Natural Gas | 79,263.00 |
| Ozark Beach | Taney | 16.00 | Hydroelectric | 71,360.00 |
| State Line Combined Cycle | Jasper | 690.50 | Natural Gas | 1,979,321.00 |